

SOW-00-847-3- 8F927B-1/1

Date: 09/28/99

STATEMENT OF WORK (SOW)
For the Rebuild of the
CIRCUIT CARD ASSEMBLY, MEMORY I/F, FOR THE AN/MS-63A
NSN 5998-01-377-8868
P/N: 005-022530; CAGE: 34984



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STATEMENT OF WORK FOR THE
Repair of
Circuit Card Assembly
Memory I/F
(5998-01-377-8868)
P/N: 005-022530; CAGEC: 34984

1.0 Scope. This Statement of Work (SOW) establishes, sets forth tasks, and identifies the work effort that shall be performed by the Contractor to repair the Circuit Card Assembly (CCA), Memory I/F, 5998-01-377-8868; hereafter referred to as the CCA . This document contains requirements to restore the CCA to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than 6 months shelf-life remaining."

2.0 Applicable Documents

The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-2073-1C	DoD Standard Practice for Military Packaging

Military Standards - For Guidance Only

MIL-STD-973	Configuration Management
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2.2 Military Specifications

MIL-C-81309	Corrosion Preventive Compounds, Water Displacing, Ultra Thin Film
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2.3 Industry Standards

ANSI/EIA-625	Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices
ANSI/ISO/ASQC Q9003-1994	Quality Systems

2.4 Other Government Documents and Publications The issues of those documents cited below shall be used.

TM-07737B-24&P/3	System Organizational and Intermediate Maintenance Manual with Parts List for the Communications Central AN/MS-63A
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Copies of military specifications and standards are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Marine Corps Logistics Bases (Code 893), 814 Radford Blvd., Albany, Georgia 31704-1128. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

3.0 Requirements

3.1 General Tasks: In fulfilling the specified requirements, the Contractor shall provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test and calibrate the CCA. Upon completion of repairing the subject item it shall be Condition Code "A."

3.2 Detail Tasks: The following tasks describe the different phases for repair of the CCA:

Phase I	Pre-Induction
Phase II	Repair
Phase III	Inspection, Testing and Acceptance
Phase IV	Preparation for Shipment and/or Storage

3.2.1 Phase I (Pre-Induction): A pre-induction inspection analysis shall be performed for each CCA within 5 working days of induction into the Contractor's facility for evaluation of repair capability. If repair is not feasible, assign Condition Code "H" (CC "H"), notify Marine Corps Logistics Base (Code 847-3), Albany, Georgia for disposition instructions, otherwise assign CC "M" and induct into the repair cycle. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the government in accordance with section 4.0 of this SOW.

3.2.2 Phase II (Repair): After pre-induction tests and inspections have been completed, repair of the CCA shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair. Incorporate all current Engineering Change Proposals (ECPs) and Modification Instructions (MIs).

a. **Hardware**

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety, and one-time use items. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

b. **Publications and Documentation:** The Contractor shall use appropriate technical documentation to restore the CCA to condition code "A."

c. The following Standards and Publications shall be used to assist the Contractor:

MIL-C-81309	Corrosion Preventive Compounds, Water Displacing, Ultra Thin Film
TM-07737B-24&P/3	System Organizational and Intermediate Maintenance Manual with Parts List for the Communications Central AN/MSC-63A

3.2.3 Phase III (Inspection, Testing and Acceptance)

a. Inspection, Testing and Acceptance of the CCA shall be conducted in accordance with the documents and TM's listed in section 3.2.2.c and documentation retained by the manufacturer.

b. The Contractor shall be responsible for conducting required tests in accordance with applicable procedures and specifications.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB (Code 847-3), Albany, GA representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

3.2.4 Phase IV (Packaging, Handling, Storage and Transportation (PHS&T))

a. The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items being prepared for long term storage and/or shipment to overseas destinations shall be preserved and packaged in accordance with Level "A" requirements of MIL-STD-2073-1C, Appendix J, Table J.Ia, Specialized Preservation Code "GX." Items being prepared for domestic shipment or immediate use shall be to Level "B"

requirements. All items subject to damage by electrostatic discharge shall be packed into a reusable fast pack container.

b. Marking of all items shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM):

GFE is government owned equipment authorized by contract for use by a commercial/ Government contractor. It is neither consumed during production nor incorporated into any product. GFM is material furnished to a contractor that will be consumed during the course of production or incorporated into the product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/G316-2), Marine Corps Logistics Bases, Albany, Georgia,(G316-2) will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.4 Contractor Furnished Material (CFM): The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Material (NAVICPINST 4491.21A). In the event that CFM is required for repair parts, the contractor shall requisition repair parts through the DoD Supply system. DoD 4000.25-1-M (MILSTRIP), Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.5 Configuration Control: The contractor shall implement configuration control to established configuration items. Deviation from the established baseline configuration will not be allowed without the approval in writing from the Weapon System/Equipment Manager (Code 847-3). If necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a request for Deviation/Request for Waiver. MIL-STD-973 (paragraph 5.4.3 or 5.4.4 and Appendix E) may be used as a guide.

3.6 Electrostatic Discharge (ESD) Control Program: The contractor shall establish, implement and document an ESD control program following the guidelines provided in EIA-625. ESD protective measures shall be used during manufacturing, handling, inspection, test, marking, packaging, storing and transporting ESD sensitive components.

3.7 Quality Assurance Provisions: The contractor shall provide and maintain a quality system that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality System Model for Quality Assurance in Final Inspection and Test. The program shall ensure quality throughout all areas to include design, fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified

in the contract, the contractor shall be responsible for performance of all inspection requirements. The Government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.8 Acceptance: The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct an inspection.

3.9 Rejection: Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB (Code 847-3), Albany representative. The Contractor shall, at no additional cost to MCLB, Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

4.0 Reports

4.1 Pre-Induction Checklist: The Contractor shall complete the Pre-Induction Inspection Checklist for each CCA repaired. These documents shall be available prior to final acceptance testing. One copy of each document shall be provided to MCLB (Code 847-3) Albany, Georgia, after final acceptance of the CCA.

4.2 Repairable Item Inspection Report The Contractor shall provide a Repairable Item Inspection Report for each CCA. The report shall be identified by United States Marine Corps Serial Number.

4.3 Monthly Progress Reports The Contractor shall provide Monthly Progress Reports summarizing the progress and status of the CCA Program.

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: YDP _____ TM _____ OTHER _____ X
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D. SYSTEM/ITEM CCA, Memory I/F	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Contractor's Progress, Status, and Management Report	

4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80227	5. CONTRACT REFERENCE SOW 4.3	6. REQUESTING OFFICE MCLBA (847)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION		
11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION See Blk 16	a. ADDRESSEE		b. COPIES	
8. APP CODE					Draft	Final
						Reg Repro

10. REMARKS	MCLBA (847-3)	0	1	0
Contractor format is authorized.				

Blk 4 - Tailor DI-MGMT-80227 as follows: Delete paragraphs 10.3g, 10.3h, 10.3i, 10.3j, 10.3k, and 10.3n.

Blk 12 - The reporting period shall be from the first to last business day of each month. Initial submission shall be 60 DAC.				

Blk 13 - Subsequent submissions shall be 10 days after the last business day of each month.

Distribution Statement A: Approved for public release, distribution is unlimited.				
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[illegible][illegible]

15. TOTAL	0	1	0
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G. PREPARED BY <i>[Signature]</i>	H. DATE 2-26-88	I. APPROVED BY <i>[Signature]</i>	J. DATE 2-26-88
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DD FORM 1423-1, AUG 96 (EG) PREVIOUS EDITION MAY BE USED. Page 1 of 1

Designed using Perform Pro, WWS/DIOR, Aug 96

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM CCA, Memory I/F	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. B001	2. TITLE OF DATA ITEM Repairable Item Inspection Report	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80386	5. CONTRACT REFERENCE SOW 4.2	6. REQUIRING OFFICE MLCBA (847)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION
9. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See Blk 16	a. ADDRESSEE	b. COPIES Draft Final Reg Repro

16. REMARKS Contractor format is authorized. Blk 10 - A separate report shall be submitted for each CCA, Memory I/F repaired. Blks 12 & 13 - Submit report by Marine Corps Serial Number 30 days after completion of each CCA, Memory I/F. Blk 14 - Reports shall be provided on hard copy. Distribution Statement A: Approved for public release, distribution is unlimited.	MCLBA (847-3)	0	1	0
	18. TOTAL	0	1	0

G. PREPARED BY <i>Roy Summer</i>	H. DATE 9-29-99	I. APPROVED BY <i>Walt H. Croft</i>	J. DATE 9/30/99
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

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OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TOP _____ TM _____ OTHER <u>X</u>
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D. SYSTEM/ITEM CCA, Memory I/F	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. C001	2. TITLE OF DATA ITEM Request For Deviation	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B	5. CONTRACT REFERENCE SOW	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION							
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	<table border="1"> <tr> <th rowspan="2">a. ADDRESSEE</th> <th colspan="3">b. COPIES</th> </tr> <tr> <th>Draft</th> <th>Reg</th> <th>Repro</th> </tr> </table>		a. ADDRESSEE	b. COPIES			Draft	Reg	Repro
a. ADDRESSEE	b. COPIES										
	Draft	Reg	Repro								

18. REMARKS Blk 4 - Contractor format is authorized. Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation. RFDs will be reviewed and disposition determined within 20 working days upon receipt by the Government. RFDs shall be transmitted via E-Mail to the following address: collinsg@matcom.usmc.mil Distribution Statement A: Approved for public release, distribution is unlimited	MCLBA (825-2)	0	1	0
	15. TOTAL	0	1	0

G. PREPARED BY <i>Gene Collins</i>	H. DATE 16 Aug 99	I. APPROVED BY <i>W. H. Coyle</i>	J. DATE 30 Sep 99
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER _____ X
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D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
CCA, Memory I/F		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
C002	Request For Waiver	Configuration Management

4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE SOW	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES		
					Draft	Final	
						Reg	Repro

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G. PREPARED BY <i>Don Collier</i>	H. DATE <i>16 Aug 99</i>	I. APPROVED BY <i>Wick H. Cook</i>	J. DATE <i>30 Sept 99</i>
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17. PRICE GROUP